

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002144.D
 Acq On : 31 Mar 2020 19:20
 Operator : SY/MD
 Sample : L2096-03
 Misc : 8.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 05:01:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

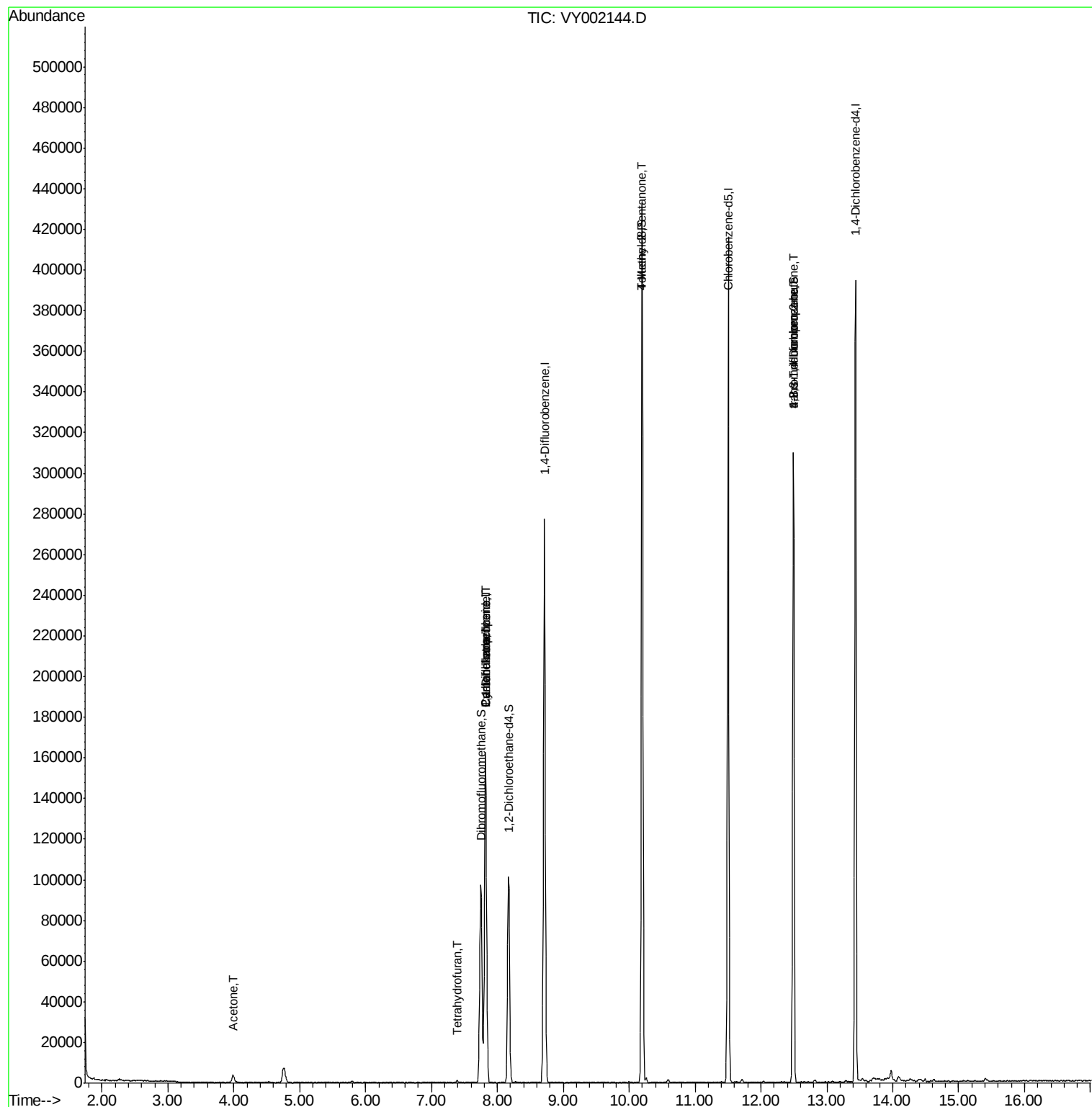
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	119783	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	235115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	219911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	76421	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
35) Dibromofluoromethane	7.75	113	69353	52.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.19	98	285943	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.49	95	97225	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	6225	16.733	ug/l #	85
20) Methylene Chloride	4.77	84	5856	Below Cal		87
29) Tetrahydrofuran	7.39	42	842	2.248	ug/l #	76
31) Cyclohexane	7.82	56	2836	1.028	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10318	4.640	ug/l #	50
38) Carbon Tetrachloride	7.82	117	12422	6.584	ug/l #	18
51) 4-Methyl-2-Pentanone	10.19	43	1430	1.113	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	50510	47.824	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50510	92.651	ug/l #	17

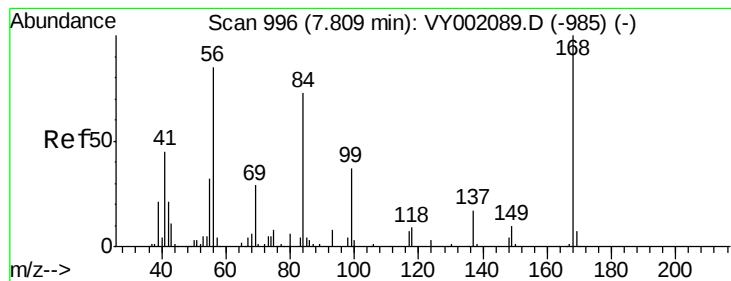
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
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Quant Time: Apr 01 05:01:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :

MSVOA_Y

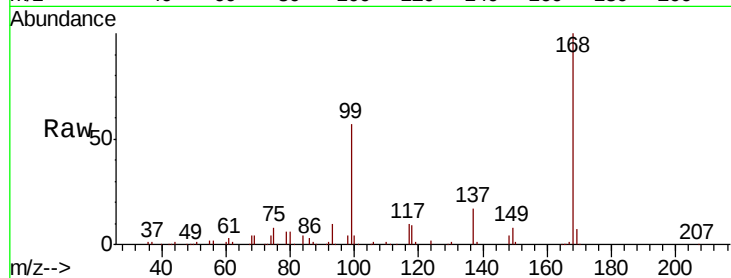
ClientSampleId :

Tot Ion:168 Resp: 119783

Ion Ratio Lower Upper

168 100

99 56.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.82

60000

50000

40000

30000

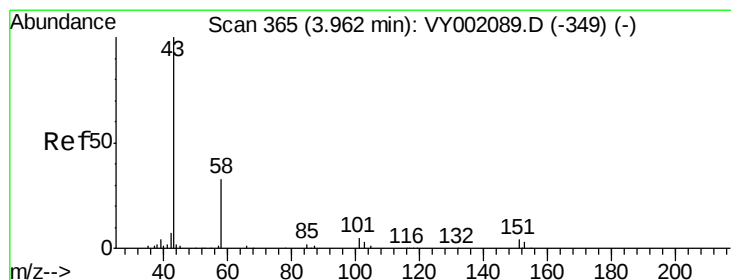
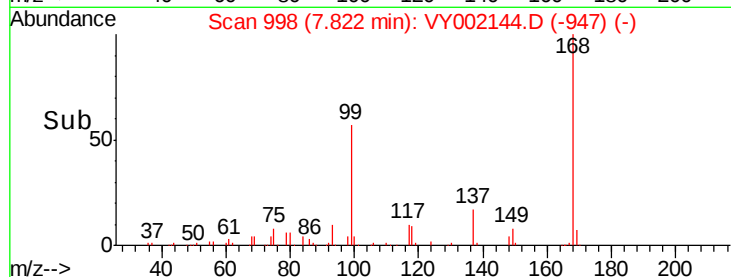
20000

10000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 16.733 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002144.D

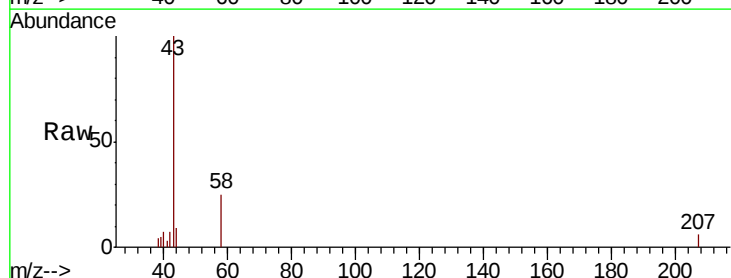
Acq: 31 Mar 2020 19:20

Tgt Ion: 43 Resp: 6225

Ion Ratio Lower Upper

43 100

58 24.6 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-349) (-)

3.98

2500

2000

1500

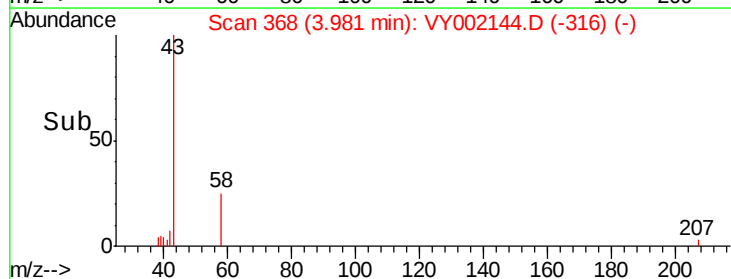
1000

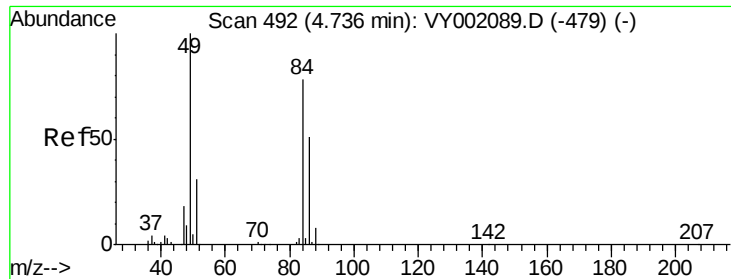
500

0

3.90 3.95 4.00 4.05 4.10

Time-->

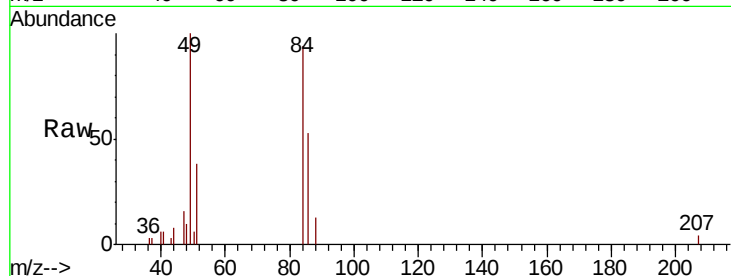




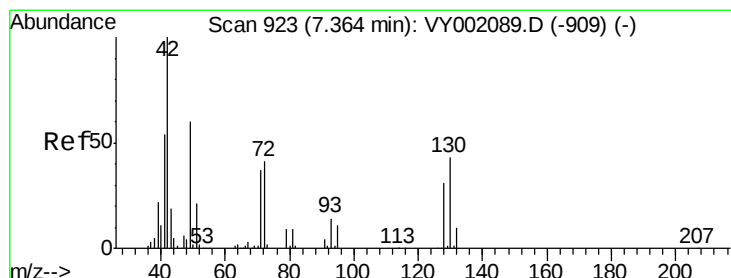
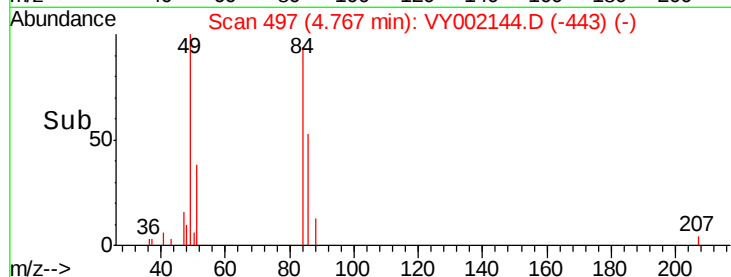
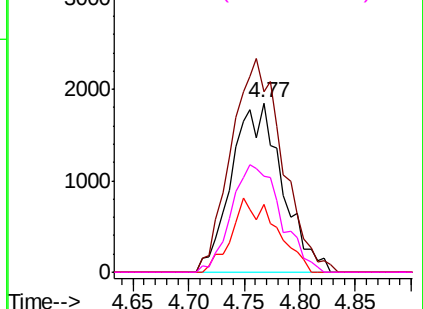
#20
Methylene Chloride
Concen: Below Cal
RT: 4.77 min Scan# 497
Delta R.T. 0.03 min
Lab File: VY002144.D
Acq: 31 Mar 2020 19:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 5856
Ion Ratio Lower Upper
84 100
49 106.8 102.2 153.4
51 40.5 31.2 46.8
86 57.1 52.6 78.8

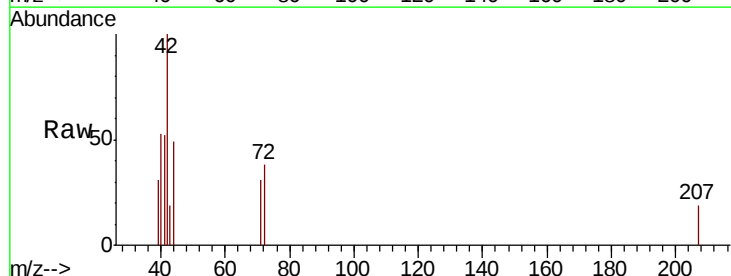


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

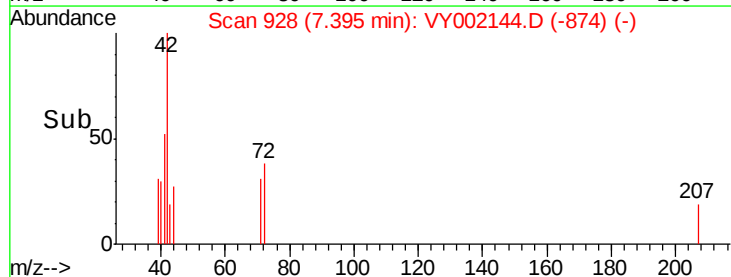
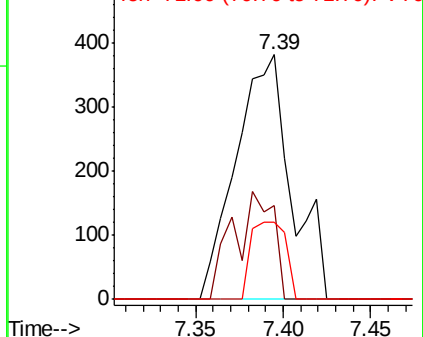


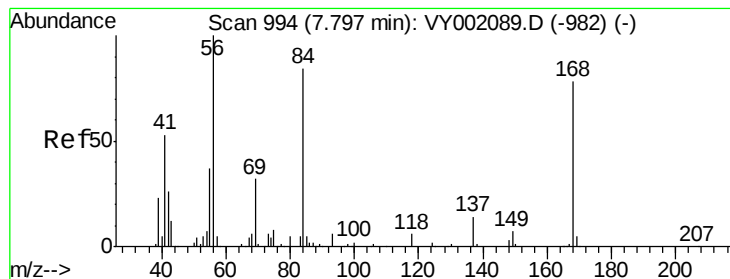
#29
Tetrahydrofuran
Concen: 2.248 ug/l
RT: 7.39 min Scan# 928
Delta R.T. 0.03 min
Lab File: VY002144.D
Acq: 31 Mar 2020 19:20

Tgt Ion: 42 Resp: 842
Ion Ratio Lower Upper
42 100
72 31.2 33.0 49.4#
71 19.6 31.2 46.8#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0





#31

Cyclohexane

Concen: 1.028 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :
MSVOA_Y
ClientSampled :

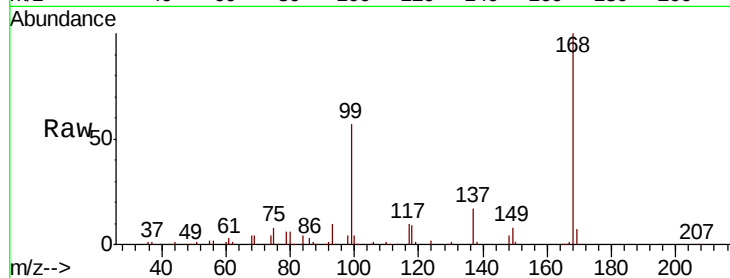
Tot Ion: 56 Resp: 2836

Ion Ratio Lower Upper

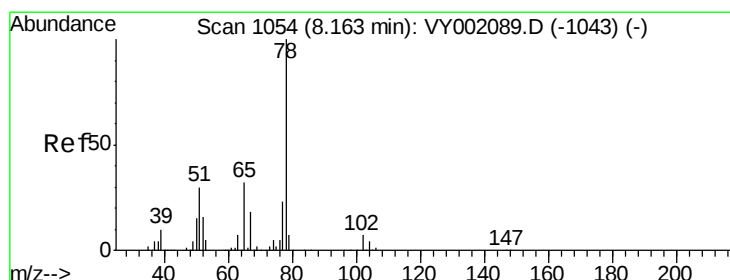
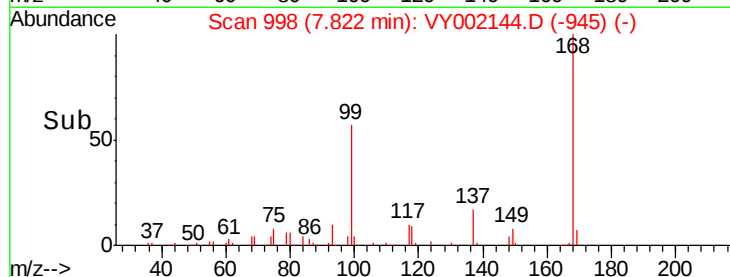
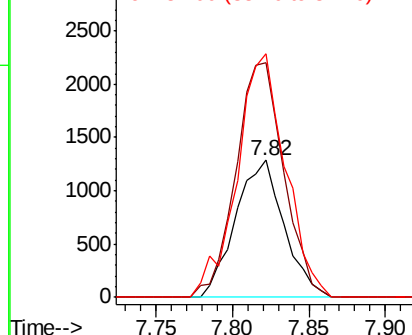
56 100

69 171.4 25.8 38.8#

84 177.7 67.1 100.7#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 57.712 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002144.D

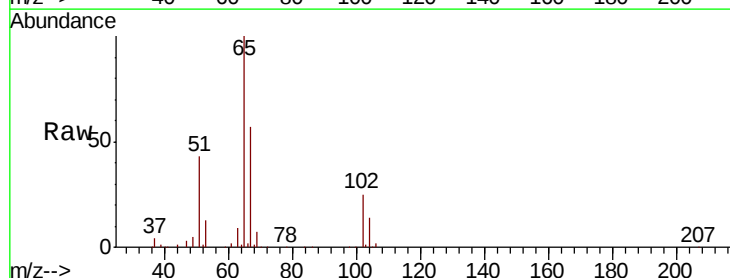
Acq: 31 Mar 2020 19:20

Tgt Ion: 65 Resp: 76421

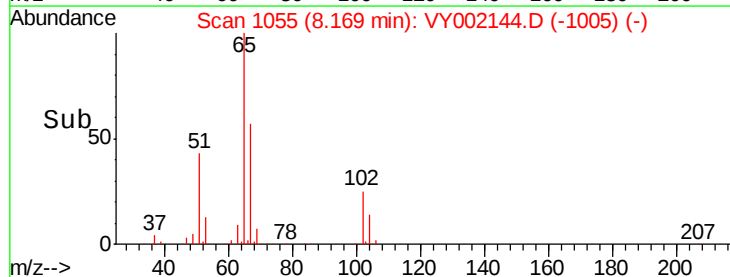
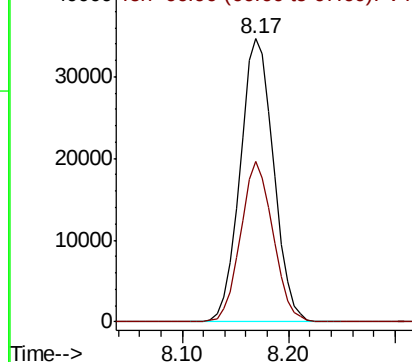
Ion Ratio Lower Upper

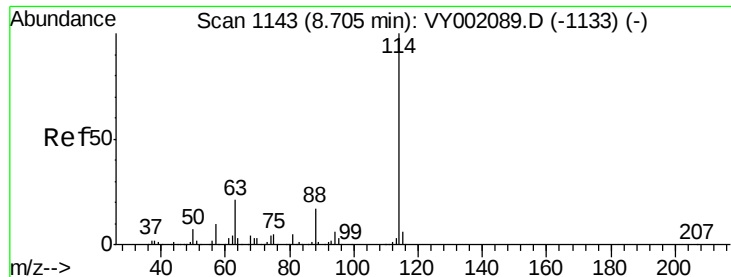
65 100

67 55.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

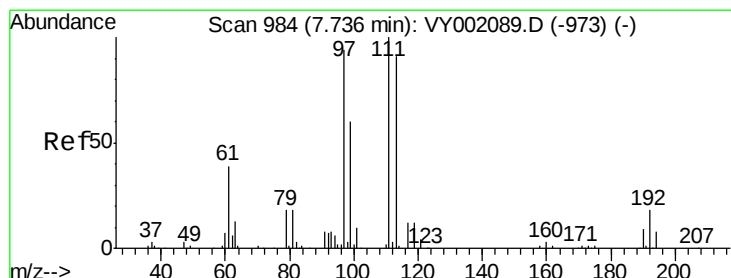
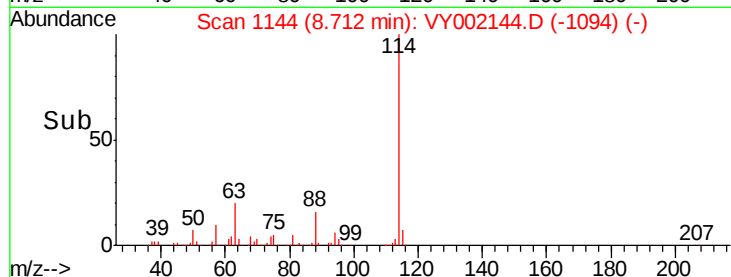
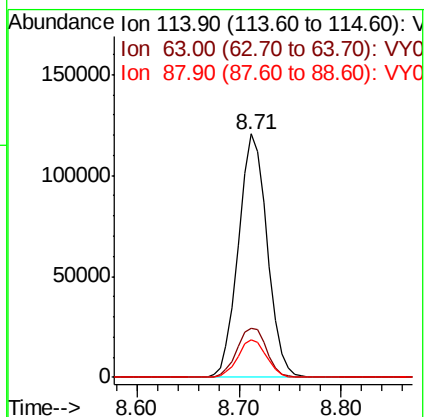
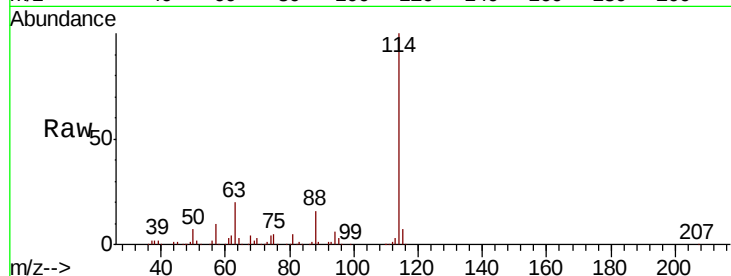




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002144.D
 Acq: 31 Mar 2020 19:20

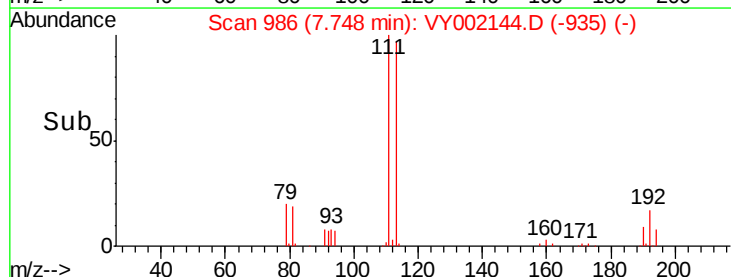
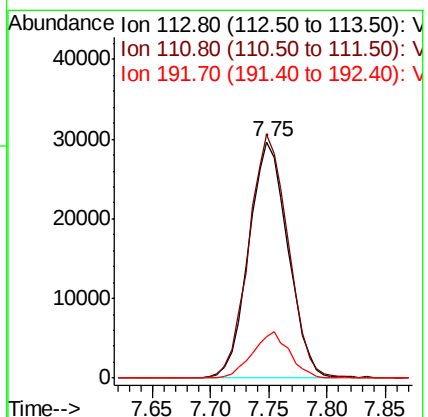
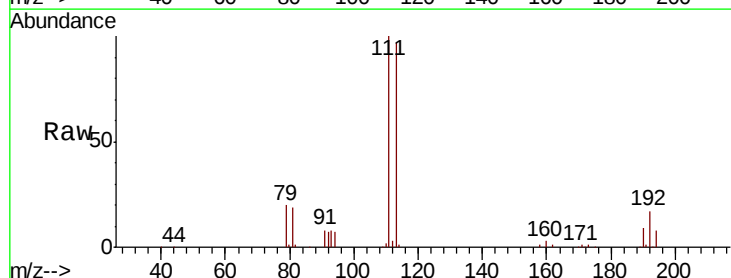
Instrument :
 MSVOA_Y
 ClientSampleId :

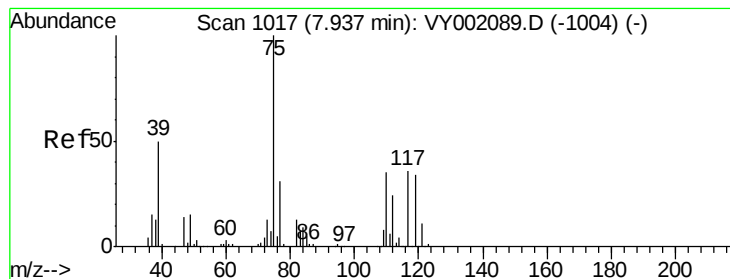
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	15.7	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.645 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002144.D
 Acq: 31 Mar 2020 19:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	84.4	126.6
192	18.4	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.640 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.12 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :

MSVOA_Y

ClientSampled :

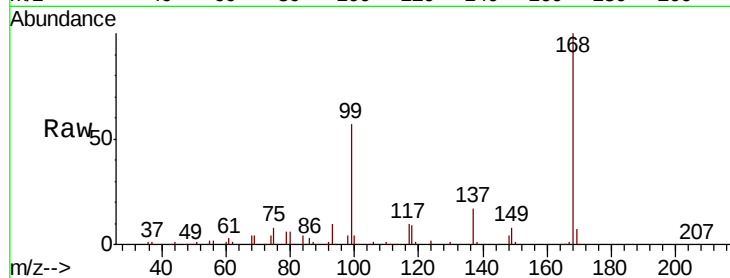
Tot Ion: 75 Resp: 10318

Ion Ratio Lower Upper

75 100

110 9.3 17.2 51.6#

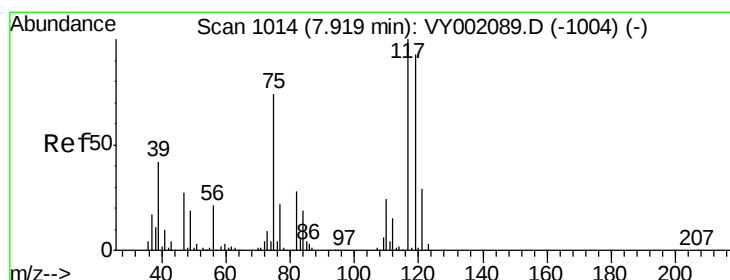
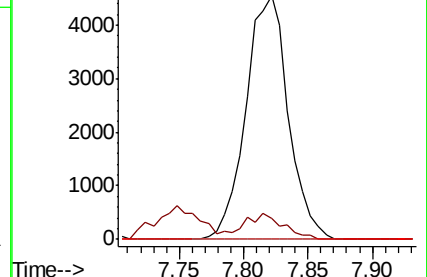
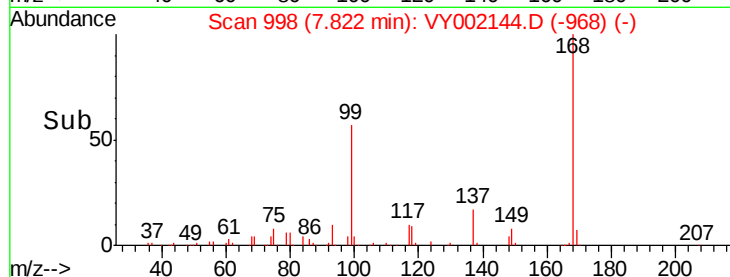
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY002144.D (-968) (-)

Ion 109.90 (109.60 to 110.60): VY002144.D (-968) (-)

Ion 76.90 (76.60 to 77.60): VY002144.D (-968) (-)



#38

Carbon Tetrachloride

Concen: 6.584 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

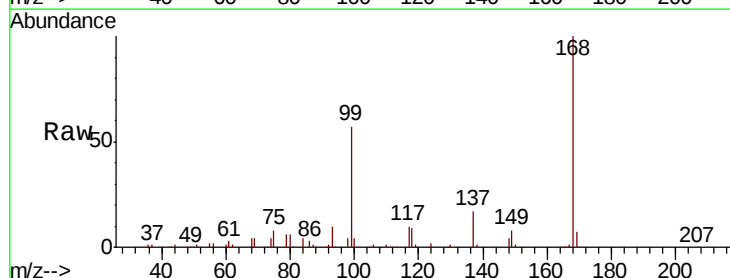
Tgt Ion: 117 Resp: 12422

Ion Ratio Lower Upper

117 100

119 5.8 74.3 111.5#

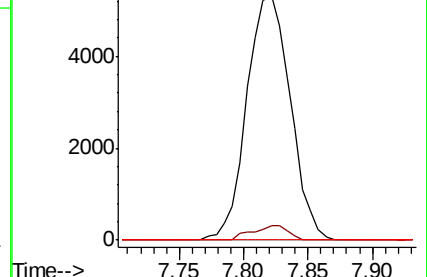
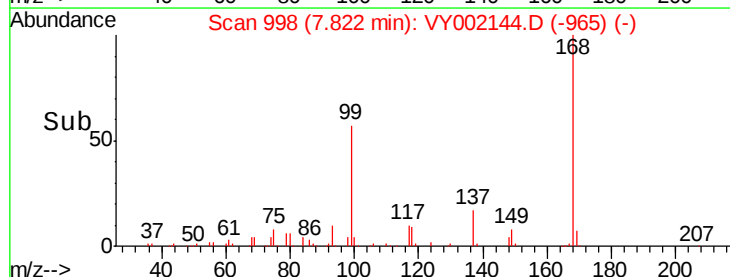
121 0.0 23.3 34.9#

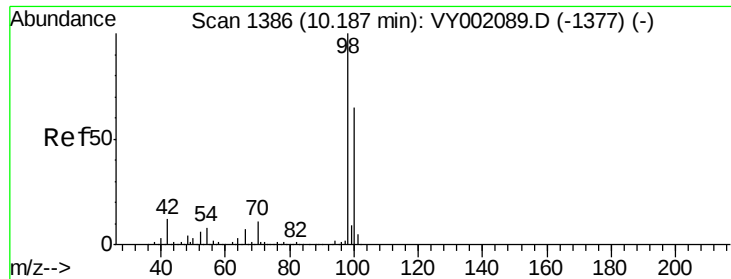


Abundance Ion 116.80 (116.50 to 117.50): VY002144.D (-965) (-)

Ion 118.80 (118.50 to 119.50): VY002144.D (-965) (-)

Ion 120.80 (120.50 to 121.50): VY002144.D (-965) (-)





#50

Toluene-d8

Concen: 52.249 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :

MSVOA_Y

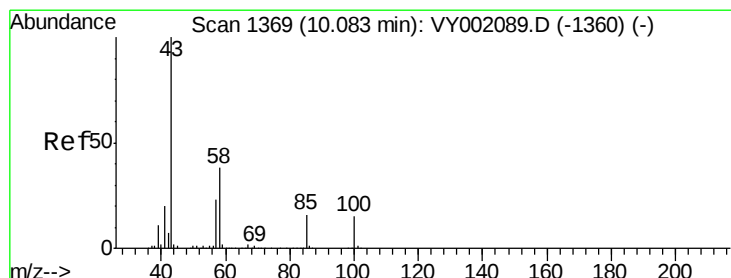
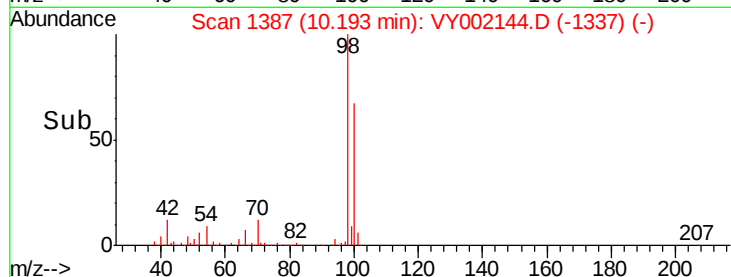
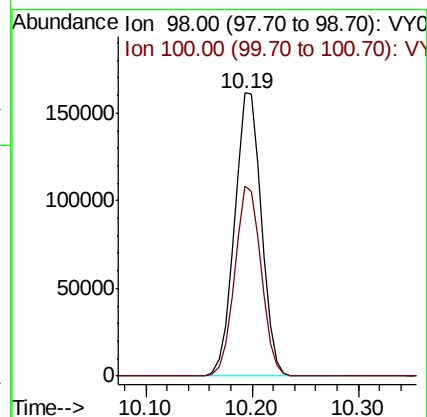
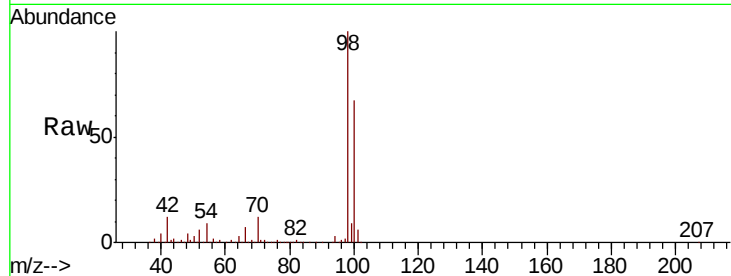
ClientSampleId :

Tot Ion: 98 Resp: 285943

Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.113 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002144.D

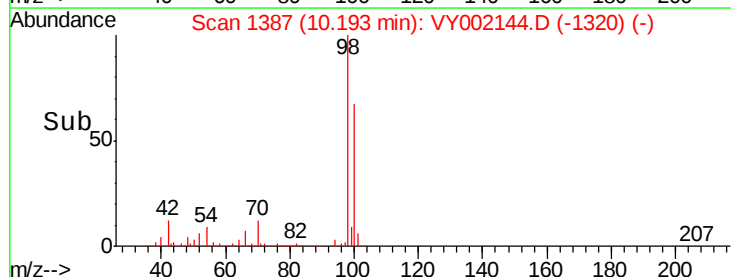
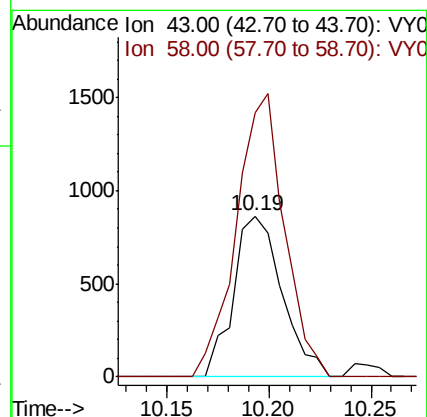
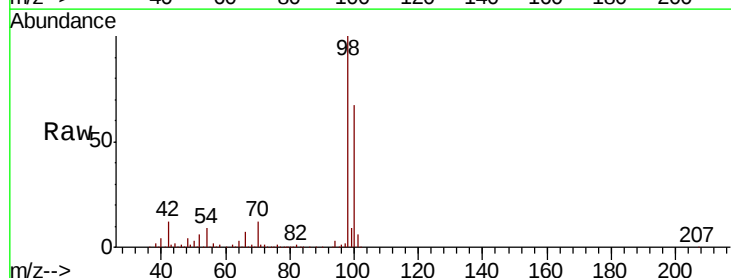
Acq: 31 Mar 2020 19:20

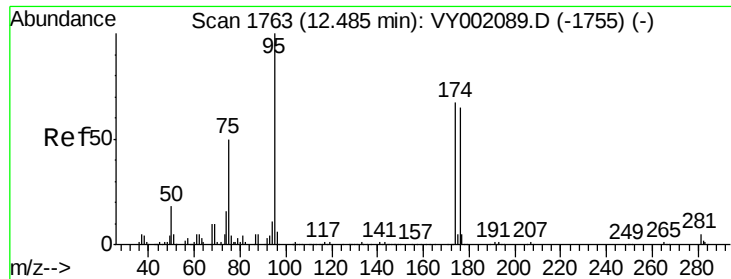
Tgt Ion: 43 Resp: 1430

Ion Ratio Lower Upper

43 100

58 174.1 31.6 47.4#

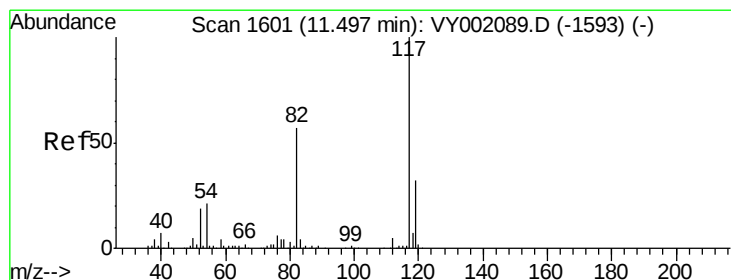
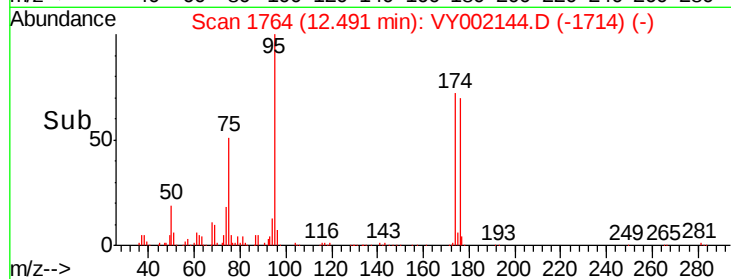
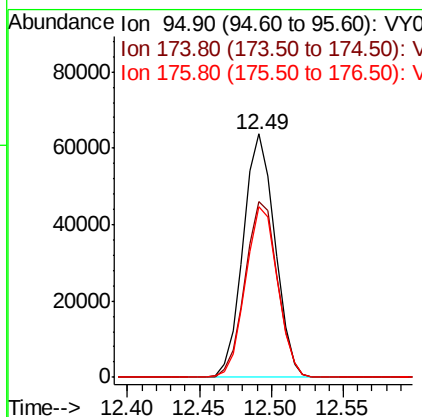
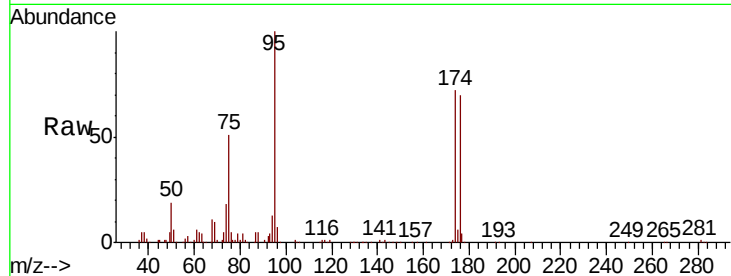




#62
4-Bromofluorobenzene
Concen: 50.797 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002144.D
Acq: 31 Mar 2020 19:20

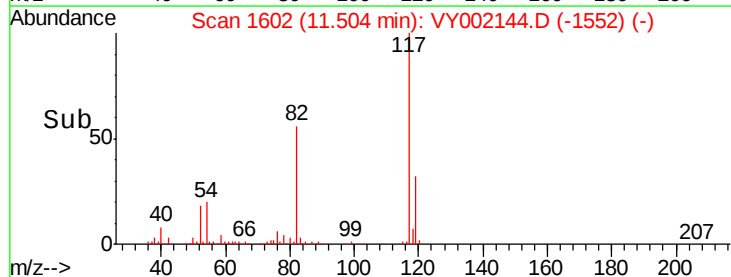
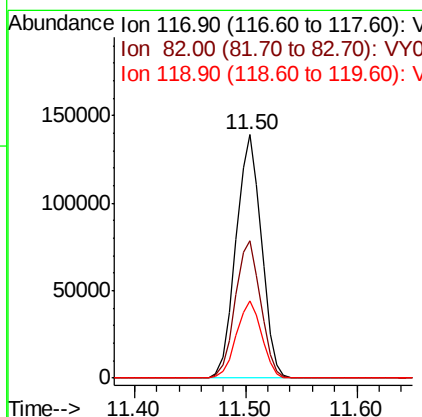
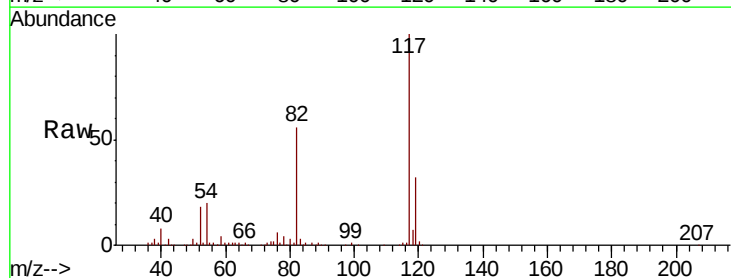
Instrument :
MSVOA_Y
ClientSampleId :

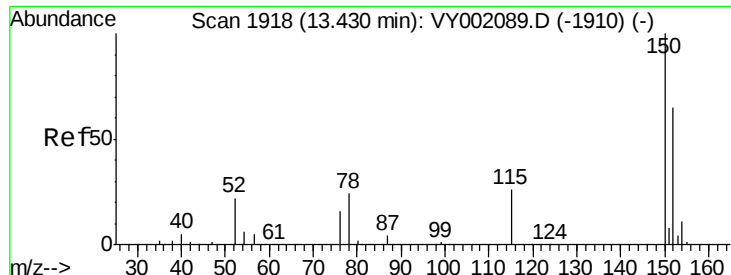
Tot Ion	95	Resp	97225
Ion Ratio	Lower	Upper	
95	100		
174	73.5	0.0	143.4
176	70.8	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002144.D
Acq: 31 Mar 2020 19:20

Tgt Ion	117	Resp	219911
Ion Ratio	Lower	Upper	
117	100		
82	56.3	45.4	68.2
119	31.9	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :

MSVOA_Y

ClientSampleId :

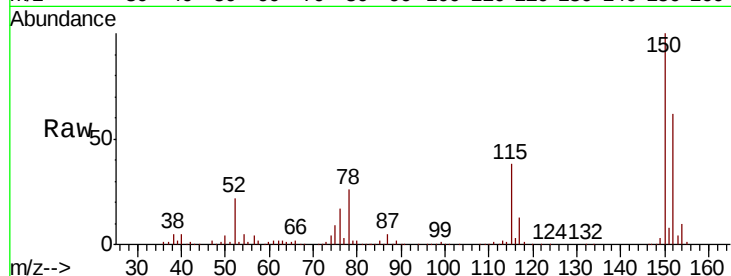
Tot Ion:152 Resp: 94420

Ion Ratio Lower Upper

152 100

115 61.5 31.2 93.6

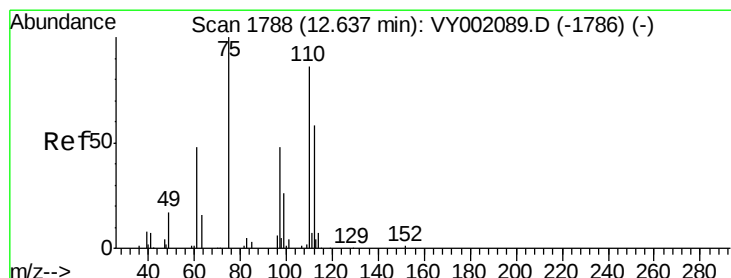
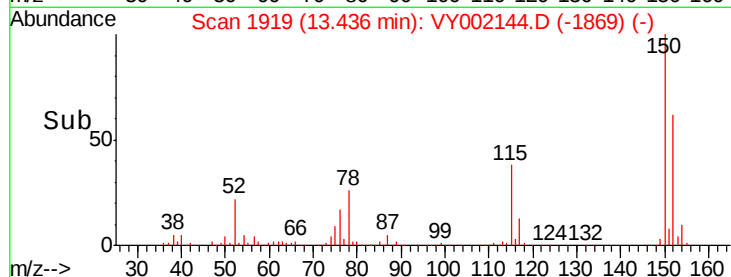
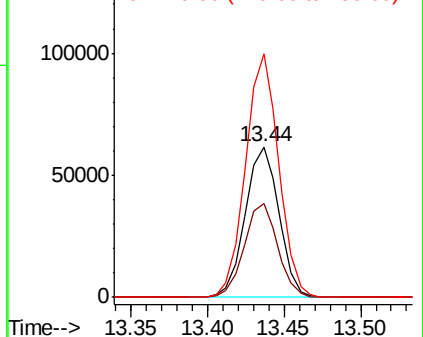
150 158.8 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 47.824 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002144.D

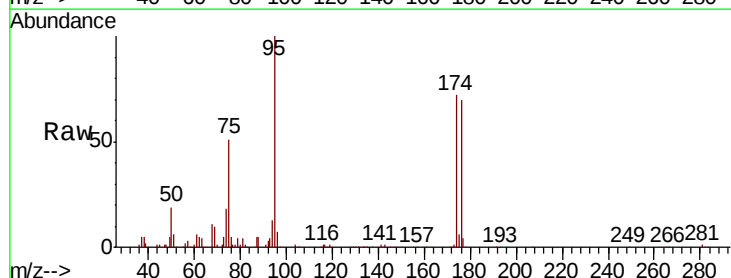
Acq: 31 Mar 2020 19:20

Tgt Ion: 75 Resp: 50510

Ion Ratio Lower Upper

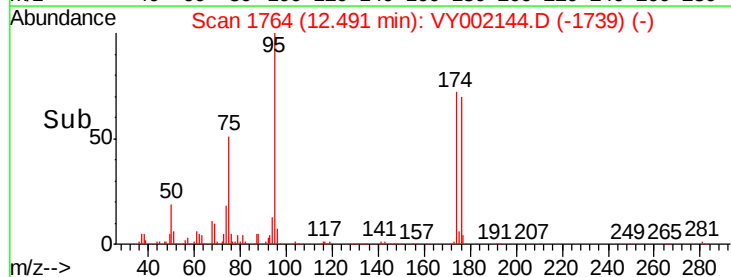
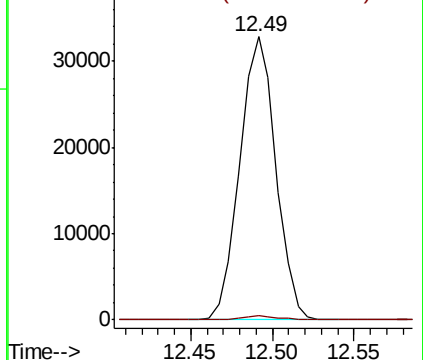
75 100

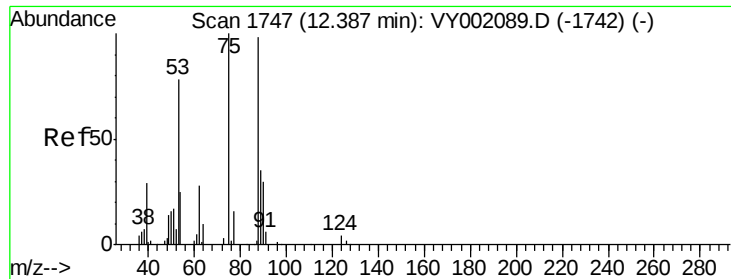
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 92.651 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :

MSVOA_Y

ClientSampleId :

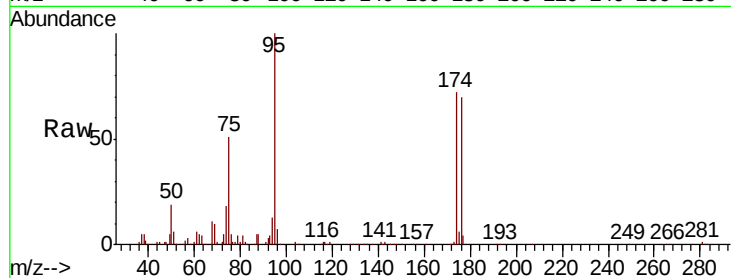
Tot Ion: 75 Resp: 50510

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 33.4 50.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

